

FISHERIES

MAY 2- 1934

ALASKA

ANNUAL REPORT

Season 1933

WRANGELL-PETERSBURG DISTRICT
of
SOUTHEASTERN ALASKA

DEPARTMENT OF COMMERCE

BUREAU OF FISHERIES

Wrangell, Alaska

April 12, 1934.

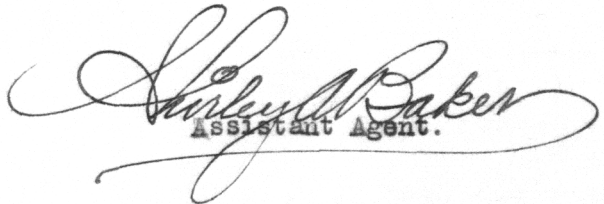
Subject: Annual report, Wrangell-Petersburg District **FISHERIES**

MAY 2 - 1934

Commissioner of Fisheries,
Washington, D. C.

ALASKA

The attached report summarizing the general operations of the Bureau of Fisheries for the season of 1933 in the Wrangell-Petersburg District, Southeastern Alaska, and covering the fishing and packing activities in this district, is herewith respectfully submitted.


Assistant Agent.

Copy to Seattle Office
" " Juneau Office

WRANGELL-PETERSBURG DISTRICT

of

SOUTHEASTERN ALASKA

Season of 1933

CONTENTS

Subject	Page
INTRODUCTION.	2-3
FISHERY OPERATIONS	
A. List of Operators.	4-9
B. Weekly Case Pack of Canned Salmon, by Species.	10-17
C. Fall Fishing Pack Report, by Species.	18
D. Total Weekly Case Pack, by Species.	19
E. Final Total Case Pack, by Species.	20
F. Annual Pack Report (1930-1933).	21
G. Halibut.	22
H. Monthly Halibut Landings, Wrangell.	23
I. Monthly Halibut Landings, Petersburg.	24
J. Total Halibut Landings, Wrangell and Petersburg.	25
K. Halibut Livers.	25
L. Halibut, Fresh and Frozen, Wrangell Shipments.	26
M. Halibut, Fresh and Frozen, Petersburg Shipments.	27
N. Shrimp and Crab Meat Products.	28-31
O. Salmon, Herring, and Miscellaneous.	32-33
WEIRS.	34
A. Olive Cove, Snake Creek, Count.	35-37
PATROL AND INSPECTION.	38-39
A. Temporary Seasonal Employees.	40-41
B. Summary Salmon Runs and Escapement.	42-54
COMPLAINTS AND PROSECUTIONS.	55
FINANCIAL CONDITION OF LOCAL WHITES AND NATIVES.	56
A. Approximate Earnings of Resident Whites and Natives Engaged in the Fisheries.	57-63
SUMMARY OF TRAVEL.	64
RECOMMENDATIONS.	65-66
TRAP LIST.	67-69
Cooperative Services rendered to other Branches of the Government.	70

I n t r o d u c t i o n

On February 28th, I returned to Wrangell, following detail at Seattle headquarters. At that time, the shrimp and crab canneries, the Reliance Shrimp Company and the Stikine Sea Food Company, both at Wrangell, and the Alaskan Glacier Sea Food Company and the Northern Sea Food Company, both at Petersburg, were in operation. Preparations were underway for the ensuing season by Diamond K Packing Company, Wrangel Packing Corporation, Petersburg Packing Company, Hanseth Brothers, and Union Bay Cannery Company. These five salmon canneries this season put up a total pack of 320,580 cases of canned salmon.

The Diamond K Packing Company this year put up a new shore plant on the site of the old Alaska Sanitary Cannery, which was destroyed by fire about eight years ago. This new cannery takes the place of the floating cannery which has been operated at Wrangell for a number of years by the Diamond K Packing Company. It is a modern 2-line establishment, equipped with Continental Can Company line, high-speed filler, and vacuum machines, and one Continental Can Company (old Astoria exhaust box line. It is the intention of the company to erect an additional building, running parallel with the one just completed, to be used principally as a warehouse. If the present plans of the company materialize and this warehouse is constructed in the spring of 1934, Mr. Karl Thiele, president and general manager, figures on a third shore building, which will be used as bunkhouse, kitchen, and dining-room.

Hanseth Brothers, of Petersburg, this season leased and operated the plant of the Wrangell Narrows Packing Company, located at Scow Bay, in Wrangell Narrows. During the season of 1932, this plant was leased and operated by Oscar Nicholson. The plant stood idle in 1931, but was operated by the owners the previous year. This season Hanseth Brothers have modernized the cannery considerably by installing more new fish bins and an up-to-date conveying system, which materially decreased the handling and pughing of salmon.

The plant of the Columbia River Packers Assn., Inc., has not been operated since 1930. This season, however, the company made a number of repairs and improvements around the cannery, putting in new piling under the cannery dock and keeping the cannery up generally, so as to be in readiness for business at any time economic conditions warrant the expense of operation.

The Wrangel Packing Corporation greatly improved their cannery by modernizing their conveying system and putting in new fish bins.

Since the season of 1930, the Burnett Inlet cannery, owned by the

Introduction (cont'd)

Alaska Pacific Fisheries, has stood idle, due principally to unfavorable market conditions. This plant was operated under the name of Burnett Inlet Packing Company in 1929, and purchased and operated the following year by the present owners. The plant has been kept in good condition during the suspension of operations.

The cannery which has operated in past years at Union Bay under the name of Nakat Packing Corporation, has this year changed the operating name to Union Bay Cannery Company.

? Report
shows
Nakat Pkg
Corp.

In the patrol of the fishing grounds there were employed one Bureau vessel, the U.S.F.S. Auklet, eight stream watchmen using their own launches, and three stream watchmen using power skiffs. The fisheries patrol and inspection work was conducted along the usual lines on the basis of experience gained in previous years, and size volume and schedules of fish runs during the season. Some modifications were made in the regulations as the need therefor became apparent.

Forms, with forty-seven trolling-boat plates, numbered from 601 to 647, both inclusive, were issued to trolling boat operators in the Wrangell-Petersburg District. On account of the general strike during April and May by the trollers, there was very little activity in the district among this class of fishermen throughout the fishing season. The principal part of the trolling was carried on by seventy hand trollers, in addition to the aforementioned power boats. Many of the boats went to Cape Pole, Sitka, and other districts.

Hon. Frank T. Bell, the newly appointed U. S. Commissioner of Fisheries, made his first official visit to Alaska during the summer of 1933, for the purpose of obtaining first-hand knowledge of the fisheries industry and problems of the Territory, in order that a practicable and equitable program might be formulated. While in Alaska, Mr. Bell, accompanied by Mr. Lemuel G. Wingard, the newly appointed Agent of the Alaska Fisheries Service, and party, traveled on the Bureau's vessel, U.S.F.S. BRANT, visiting the principal fisheries stations and fishing centers in Southeastern, Central, and Western Alaska, including Bristol Bay and the Pribilof Islands. On June 11, the official party arrived in Wrangell, where there was held a special fisheries hearing which was well attended by fishing people generally. In the afternoon, the party proceeded on to Petersburg, where a hearing was held the following day. This meeting also was well attended by all classes of people having an interest in the fisheries industry.

LIST OF ALASKA FISHERY OPERATORS
SEASON OF 1933
WRANGELL-PETERSBURG DISTRICT

<u>Company and Address</u>	<u>Location of Plant</u>	<u>Industry</u>	<u>Operated</u>	<u>Supplied Form 632</u>
Sebastian Stuart Fish Co., Seattle, Wash. *(Lennie A. Engstrom, Agt.,) (Wrangell)	Wrangell McCormack Dock	Salmon and Halibut	Yes	Yes
Washington Fish & Oyster Co., Seattle, Wash., Pier 4 * (C. C. Mundy, Agt.,) (Wrangell)	Wrangell McCormack Dock	do.	Yes	Yes
Chase Fish Co., Seattle, Wash., Pier 9 *(C. C. Mundy, Agt.,) (Wrangell)	Wrangell McCormack Dock	do.	Yes	Yes
San Juan Fishing & Pkg. Co. Seattle, Wash. *(Wrangell Ice & Storage Co.,) (Agt., Wrangell)	Wrangell McCormack Dock	do.	Yes	Yes
Northern Products Corp., Seattle, Wash., 200 Bell St. Dock. *(A. R. Brueger, Agt.,) (Wrangell and Cape Pole)	Wrangell McCormack Dock	do.	Yes	Yes
Whiz Fish Products, Inc., Seattle, Wash. *(A. R. Brueger, Agt.,) (Wrangell and Cape Pole)	Wrangell McCormack Dock	do.	Yes	Yes

*Note: Form 632 delivered to company's agent for making his individual report, but was
not mailed company from the Wrangell office.

Operators Cont'd

<u>Company and Address</u>	<u>Location of Plant</u>	<u>Industry</u>	<u>Operated</u>	<u>Supplied Form 632</u>
Wrangell Packing Corp., 391 Colman Bldg., Seattle, Wash.	Wrangell	Salmon cannery	Yes	Yes
Diamond K Packing Co., Wrangell, Alaska.	Wrangell	Salmon cannery and traps	Yes	Yes
Wrangell Ice & Storage Co., Wrangell	Wrangell McCormack Dock	Salmon, halibut, and herring	Yes	Yes
G. C. Foster, Wrangell	East shore Prince of Wales Island	Trap- <u>Independent</u> (1 Pile)	Yes	Yes
Wm. Fraser, 760 Melrose Drive, Portland, Oregon	West shore Etolin Island	Trap- <u>Independent</u> (1 Fl.)	Yes	Yes
Chas. Loveless & Sons Ketchikan	West shore Etolin Island	Traps <u>Independent</u> (2 Fl.)	Yes	Yes
George Gunderson & Sons Wrangell	West shore Etolin Island	Traps <u>Independent</u> (2 Fl.)	Yes	Yes
Herbert Kittilsby c/o Diamond K Pkg. Co., Wrangell	West shore Observation Island	Trap <u>Independent</u>	Yes	Yes

Operators Cont'd

<u>Company and Address</u>	<u>Location of Plant</u>	<u>Industry</u>	<u>Operated</u>	<u>Supplied Form 632</u>
Larson, Lunde & Neargard, Wrangell, Alaska (Art Larson, Agt.,) (Wrangell)	West shore of Abraham Island	Trap <u>Independent</u> (1 Fl.)	Yes	Yes
O. Nicholson, South Bellingham, Wn. c/o P. A. F.	North shore Prince of Wales Island	Trap <u>Independent</u> (1 Fl.)	Yes	Yes
O. W. Grandquist South Bellingham, Wn. c/o P. A. F.	North shore Prince of Wales Island	Trap <u>Independent</u> (1 Fl.)	Yes	Yes
Fidalgo Island Pkg. Co., 451 Central Bldg., Seattle, Wash., *(Leased to and Operated by) (Ed Lynch, Ketchikan)	West shore Onslow Island	Trap (1 Fl.)	Yes	Yes
Columbia River Packers Assn., Inc. Astoria, Oregon.	East shore Prince of Wales Island, 3 miles N.E. Ratz Point	Trap (1 Fl.)	No	No
Columbia River Packers Assn., Inc. Astoria, Oregon.	East shore Prince of Wales Island, 1 mile N. W. of Luck Point	Trap (1 Fl.)	No	No
Petersburg Packing Co., (P.A.F.) South Bellingham, Wn.	Petersburg, Alaska	Salmon cannery	Yes	Yes

Operators Cont'd

<u>Company and Address</u>	<u>Location of Plant</u>	<u>Industry</u>	<u>Operated</u>	<u>Supplied Form 632</u>
Hanseth Bros., Petersburg	Scow Bay (near Petersburg) Wrangell Narrows	Salmon cannery	Yes	Yes
Oxenbergs Bros., Inc., Seattle, Wash., and New York City. *(The Marlyn Fish Co., Inc.,) (agt., Ketchikan;) and *(Olaf Bernhoft, Agt.,) (The Marlyn Fish Co., Inc.) (Petersburg)	Petersburg	Halibut and salmon	Yes	Yes
Fulton Fish & Oyster Co., Inc. Petersburg Chicago, Ill. *(The Marlyn Fish Co., Inc.,) (Agt., Ketchikan, Alaska;) and *(Olaf Bernhoft., Agt.,) (Marlyn Fish Co., Inc.,) (Petersburg.)	Petersburg	Halibut and Salmon	Yes	Yes
San Juan Fishing & Pkg., Co. Seattle, Wash. *(Union Trading & Pkg. Co.,) (Agent, Petersburg) ((Knute Thompson))	Petersburg	Halibut and Salmon	Yes	Yes
Northern Products Corp., Seattle, Wn., *(Knute Thompson, Agt.,) (Petersburg)	Petersburg	Halibut and Salmon	Yes	Yes

Operators Cont'd

<u>Company and Address</u>	<u>Location of Plant</u>	<u>Industry</u>	<u>Operated</u>	<u>Supplied Form 632</u>
Petersburg Cold Storage Co., Inc. Petersburg	Petersburg	Halibut, Salmon and Herring	Yes	Yes
Northern Sea Food Co., Petersburg	Petersburg	Crabs.		
Alaskan Glacier Sea Food Co., Petersburg	Petersburg	Shrimp, Salmon, and Crabs	Yes	Yes
Lars Hansen Co., Petersburg	Petersburg	Herring	Yes	Yes
Richard Hofstad Petersburg	Petersburg	Herring	Yes	Yes
Ole and Iver Holm, Petersburg	Petersburg	Herring	Yes	Yes
L. Severson Petersburg	Petersburg	Herring	Yes	Yes
Alaska Pacific Salmon Corp., Seattle, Wn.	East shore of Kuiu Island, North Boulder Pt., West side Summer Strait	Trap #2 (1 Fl.)	Yes	Yes

Operators Cont'd

<u>Company and Address</u>	<u>Location of Plant</u>	<u>Industry</u>	<u>Operated</u>	<u>Supplied Form 632</u>
Alaska Pacific Salmon Corp., Seattle, Wash.	East shore Kuiu Island, 1½ miles south of Boulder Point, West side Summer Strait	Trap #1 (1 Fl.)	No	No
Booth Fisheries, Chicago, Ill. (Northwestern Fisheries Co.,) (600 Marion Bldg., Seattle)	East shore Kuiu Island North Pt. Amelius, Summer Strait.	Trap (1 Fl.)	No	No
Booth Fisheries, Chicago, Ill. (Northwestern Fisheries Co.,) (600 Marion Bldg., Seattle)	South shore Kupreanof Island, approximately 5 miles East of Pt. Barrie, Summer Strait	Trap (1 Fl.)	No	No
A. B. Johnson, Wrangel Pkg. Corp., Wrangell	East Island	Trap	Yes	Yes
Union Bay Cannery Co., Seattle	Union Bay	Salmon cannery	Yes	Yes
A. H. Sonsthagen Petersburg	Petersburg	Herring	Yes	Yes
Stikine Sea Food Co., Inc., Wrangell	Wrangell McCormack Dock	Shrimp and Crabs	Yes	Yes
Reliance Shrimp Co., Wrangell	Wrangell McCormack Dock	Shrimp and Crabs	Yes	Yes

WEEKLY PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(Stikine River Area)

Showing total cases through
July 8, 1933

<u>Name of Company</u>	<u>REDS</u>	<u>KINGS</u>	<u>PINKS</u>	<u>CHUMS</u>	<u>COHOS</u>	<u>TOTAL</u>
Diamond K Pkg. Co.	500	--	2	--	--	502
Wrangel Pkg. Corp.	620	--	--	--	--	620
Petersburg Pkg. Co.	12	12-r 7-w	172	87	3	293
Hanseth Bros.	164	9	1	4	1	179
Nakat Pkg. Corp.	--	--	--	--	--	--
TOTALS:	1,296	28	175	91	4	1,594

WEEKLY PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(Stikine River Area)

Showing total cases through
July 15, 1933

<u>Name of Company</u>	REDS	KINGS	PINKS	CHUMS	COHOS	TOTAL
Diamond K Pkg. Co.	668	--	819	40	--	1,527
Wrangel Pkg. Corp.	835	--	146	25	--	1,006
Petersburg Pkg. Co.	53	22-r) 13-w	1,365	398	9	1,860
Hanseth Bros.	303	11	22	18	1	355
Nakat Pkg. Corp.*	--	--	--	--	--	--
Totals:	1,859	46	2,352	481	10	4,748
Total number cases packed during the week, July 9 to July 15, incl:	563	18	2,177	390	6	3,154

* Note: First salmon
packed Sunday,
July 16.

WEEKLY PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(North Prince of Wales Island)
(and Stikine River Areas)

Showing total cases through
July 22, 1933

<u>Name of Company</u>	REDS	KINGS	PINKS	CHUMS	COHOS	TOTAL
Diamond K Pkg. Co.	1,258	--	8,314	153	120	9,845
Wrangel Pkg. Corp.	1,087	--	6,721	305	50	8,163
Petersburg Pkg. Co. (PAF)	797	35-r 17-w	10,470	1,544	129	12,992
Hanseth Bros.	470	11	1,260	181	12	1,934
Union Bay Cannery Co. (Nakat Pkg. Corp.)	573	--	8,668	194	111	9,546
Totals;	4,185	63	35,433	2,377	422	42,480
Total number cases packed during the week, July 16 to July 22, incl;	2,326	17	33,081	1,896	412	37,732

WEEKLY PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(North Prince of Wales Island)
(and Stikine River Areas)

Showing total cases through
July 29, 1933

<u>Name of Company</u>	REDS	KINGS	PINKS	CHUMS	COHOS	TOTAL
Diamond K Pkg. Co.	1,744	--	16,431	389	342	18,906
Wrangel Pkg. Corp.	1,314	--	12,540	538	218	14,610
Petersburg Pkg. Co. (PAF)	1,695	35-r 17-w	20,868	3,576	603	26,794
Hanseth Bros.	600	11	3,000	1,400	60	5,071
Union Bay Cannery Co. (Nakat Pkg. Corp.)	1,416	--	20,667	442	546	23,071
	6,769	63	73,506	6,345	1,769	88,452
Total number cases packed during the week, July 23 to July 29, incl;	2,584	0	38,073	3,968	1,347	45,972

WEEKLY PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(North Prince of Wales Island)
(and Stikine River Areas)

Showing total cases through
August 5, 1933

<u>Name of Company</u>	REDS	KINGS	PINKS	CHUMS	COHOS	TOTAL
Diamond K Pkg. Co.	1,897	--	23,844	666	676	27,083
Wrangel Pkg. Corp.	1,574	--	20,000	1,062	367	23,003
Petersburg Pkg. Co. (PAF)	2,194	35-r 17-w	36,110	5,693	927	44,976
Hanseth Bros.	800	11	7,000	3,500	200	11,511
Union Bay Cannery Co.	1,752	--	31,713	651	982	35,098
	8,217	63	118,667	11,572	3,152	141,671
Total number cases packed during the week, July 30 to August 5, incl:	1,448	0	45,161	5,227	1,383	53,219

WEEKLY PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(North Prince of Wales Island)
(and Stikine River Areas)

Showing total cases through
August 12, 1933

<u>Name of Company</u>	REDS	KINGS	PINKS	CHUMS	COHOS	TOTAL
Diamond K Pkg. Co.	2,287	2	32,805	1,243	956	37,291
Wrangel Pkg. Corp.	2,116	--	25,748	2,194	536	30,594
Petersburg Pkg. Co. (PAF)	2,683	35-r 17-w	52,460	7,362	1,384	63,941
Hanseth Bros.	900	11	12,050	4,500	300	17,761
Union Bay Cannery Co. (Nakat Pkg. Corp.)	2,123	--	43,261	1,059	1,460	47,903
Totals:	10,109	63	166,324	16,358	4,636	197,490
Total number cases packed during the week, August 6 to August 12, incl:	11,892	0	47,657	4,786	1,484	55,819

WEEKLY PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(North Prince of Wales Island)
(and Stikine River Areas)

Showing total cases through
August 19, 1933

<u>Name of Company</u>	REDS	KINGS	PINKS	CHUMS	COHOS	TOTAL
Diamond K Pkg. Co.	2,317	--	39,954	1,821	1,136	45,228
Wrangel Pkg. Corp.	2,157	--	28,682	2,766	632	34,237
Petersburg Pkg. Co. (PAF)	2,791	35-r 17-w	65,328	9,870	1,945	79,986
Hanseth Bros.	1,100	11	17,200	5,500	400	24,211
Union Bay Cannery Co. (Nakat Pkg. Corp.)	2,292	--	54,321	2,089	2,072	60,774
TOTALS:	10,657	63	205,485	22,046	6,185	244,436
<hr/>						
Total number cases packed during the week, August 13 to August 19, incl:	548	0	39,161	5,688	1,549	46,946

WEEKLY PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(North Prince of Wales Island)
(and Stikine River Areas)

Showing total cases through
August 26, 1933

<u>Name of Company</u>	REDS	KINGS	PINKS	CHUMS	COHOS	TOTAL
Diamond K Pkg. Co.	2,357	--	48,841	2,458	1,600	55,256
Wrangel Pkg. Corp.	2,172	--	34,695	3,553	838	41,258
Petersburg Pkg. Co. (PAF)	2,953	55	77,614	11,498	2,660	94,780
Hanseth Bros.	1,154	11	25,063	6,769	898	33,895
Union Bay Cannery Co. (Nakat Pkg. Corp.)	2,409	12	71,968	3,570	3,150	81,109
Totals:	11,045	78	258,181	27,848	9,146	306,298
<hr/>						
Total number cases packed during the week, August 13 to August 26, incl:	388	15	52,696	5,802	2,961	61,862

FALL FISHING PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(North Prince of Wales Island and)
(Stikine River Areas)

Showing total cases, October 1
through October 15, 1933

	<u>Name of Company</u>	CHUMS	COHOS	TOTAL
Oct. 1 to Oct. 8:	Diamond K PKG. Co.	4,792	--	4,792
	Wrangel Pkg. Corp.	3,442	17	3,459
		8,234	17	8,251
Oct. 9 to Oct. 15:	Diamond K Pkg. Co.	8,446	347	8,793
	Wrangel Pkg. Corp.	5,459	30	5,489
		13,905	377	14,282

TOTAL WEEKLY CASE PACK, BY SPECIES,
WRANGELL-PETERSBURG DISTRICT

North Prince of Wales Island
and
Stikine River Areas

SEASON OF 1933

-

<u>Week Ending</u>	REDS	KINGS	PINKS	CHUMS	COHOS	TOTAL
July 8	1,296	28	175	91	4	1,594
July 15	563	18	2,177	390	6	3,154
July 22	2,326	17	33,081	1,896	412	37,732
July 29	2,584	0	38,073	3,968	1,347	45,972
Aug. 5	1,448	0	45,161	5,227	1,383	53,219
Aug. 12	1,892	0	47,657	4,786	1,484	55,819
Aug. 19	548	0	39,161	5,688	1,549	46,946
Aug. 26	388	15	52,696	5,802	2,961	61,862
*Oct. 8	0	0	0	8,234	17	8,251
*Oct. 15	0	0	0	5,671	360	6,031
<hr/>						
TOTALS	11,045	78	258,181	41,753	9,523	320,580
<hr/> <hr/>						

* Fall Fishing

FINAL TOTAL PACK REPORT, BY SPECIES,

WRANGELL-PETERSBURG DISTRICT,
(North Prince of Wales Island and)
(Stikine River Areas)

SEASON OF 1933

<u>Name of Company</u>	REDS	KINGS	PINKS	CHUMS	COHOS	TOTAL
Diamond K Pkg. Co.	2,357	--	48,841	2,458	1,600	55,256
Fall Fishing:	--	--	--	8,446	347	8,793
Wrangel Pkg. Corp.	2,172	--	34,695	3,553	838	41,258
Fall Fishing:	--	--	--	5,459	30	5,489
* Petersburg Pkg. Co. (PAF)	2,953	55	77,614	11,498	2,660	94,780
* Hanseth Brothers	1,154	11	25,063	6,769	898	33,895
* Union Bay Cannery Co. (Nakat Pkg. Corp.)	2,409	12	71,968	3,570	3,150	81,109
TOTALS:	11,045	78	258,181	41,753	9,523	320,580

* No Fall Fishing

ANNUAL PACK CANNED SALMON
WRANGELL - PETERSBURG DISTRICT
Seasons 1930-1933, incl.
(Basis 1-lb. cans, 48 cans to case)

Company and Cannery Location	1930	1931	1932	1933	Grand Total
DIAMOND K PKG. CO. Wrangell	24,022	35,960	21,468	64,049	145,499
WRANGELL PACKING CORP. Wrangell	20,156	41,639	41,550	46,747	150,092
PETERSBURG PKG. CO. (P.A.F.) Petersburg	105,775	59,535	Not Operated	94,780	260,090
* UNION BAY CANNERY CO. Union Bay (Nakat Pkg. Corp.)	52,232	112,360	96,742	81,109	342,443
HANSETH BROS. Scow Bay, Wrangell Narrows (Leased from Wrangell) (Narrows Pkg. Co.)	^a 24,658	Not Operated	^b 19,835	^c 33,895	78,388
COLUMBIA RIVER PACKERS ASSN., INC. Lake Bay	35,211	Not Operated	Not Operated	Not Operated	35,211
ALASKA PACIFIC FISHERIES Burnett Inlet	22,426	Not Operated	Not Operated	Not Operated	22,426
	284,480	249,494	179,595	320,580	1,034,149

(a) Operated by owners, Wrangell Narrows Packing Co.

(b) Leased to Oscar Nicholson

(c) Leased to Hanseth Bros.

* Prior to 1933 owned and operated by Nakat Packing Corporation, and continues under ownership and management that company.

H A L I B U T

WRANGELL-PETERSBURG DISTRICT

Season 1933

During the first three weeks of the halibut season, the prices were very good in this district, No. 1's bringing from 2⁵⁰/₁₀₀ to 10¢ and No. 2's from 1¢ to 6¢, until the arrival of the large halibut boats in Seattle, during the first part of March, when the prices slightly declined. The majority of the halibut fleet owners and fishermen then agreed to work together as far as possible towards curtailing certain production, which served thereafter to stabilize the market, tending to put a better quality of fish on the market at a slightly higher price, and causing more of an even price to prevail during the remainder of the year.

The demand for chicken halibut was good throughout the season; in fact, during the fall fishing, was much stronger than usual for this grade.

A total of 1,490,446 pounds of halibut, the prices ranging from 1¢ to 10¢ per pound, was landed at Petersburg and Wrangell, during the year.

The halibut oil business, which was begun on the Pacific Coast two years ago, has continued to grow in this district, where a total of 31,309 pounds of halibut livers was purchased and shipped out, going mainly to Parke, Davis & Company, the prices paid varying from 15¢ to 18¢ per pound, a total of \$4,808.49 being paid in this district for these livers. The livers purchased by Parke, Davis & Company were shipped to that company's processing plant established in Seattle, from which point the crude oil is reshipped for refining and testing to Chicago and Detroit.

The old Indians of Southeastern Alaska for many years have used crude oils extracted from smelt and eulachon (hboligan) in the treatment of respiratory diseases. According the statements made by the natives in this region, the old British Columbia Indians near the Southeastern Alaska Line were using these crude oils for this purpose many years before the purchase of Alaska.

MONTHLY HALIBUT LANDINGS

Made at Wrangell, Alaska

SEASON OF 1933

<u>Month</u> <u>1933</u>	<u>No. Pounds</u> <u>No. 1</u>	<u>Price Paid</u> <u>Per Pound</u>	<u>No. Pounds</u> <u>No. 2</u>	<u>Price Paid</u> <u>Per Pound</u>	<u>Total</u> <u>Pounds</u>
Feb.	39,483	.02 - .10	27,073	.01 - .06	66,556
Mar.	17,381	.03 - .05	13,612	.01 - .03	30,993
April	53,957	.05 - .06	37,516	.01 - .04	91,473
May	19,569	.04	13,329	.02	32,898
June	11,063	.04	5,344	.02	16,407
July	11,107	.06	6,810	.03	17,917
Aug.	18,187	.06	17,555	.04	35,742
Sept.	None		None		
Oct.	8,365	.06 $\frac{1}{2}$ - .07	7,800	.04 $\frac{1}{2}$ - .06	16,165
TOTALS:	179,112	.02 - .10	129,039	.01 - .06	308,151

It will be noted that Wrangell made a substantial gain in importance as a halibut port this year, by receiving 308,151 pounds against only 147,615 pounds in 1932.

MONTHLY HALIBUT LANDINGS

Petersburg, Alaska

SEASON of 1933

<u>Month</u> <u>1933</u>	<u>No. Pounds</u> <u>No. 1</u>	<u>Price Paid</u> <u>Per Pound</u>	<u>No. Pounds</u> <u>No. 2</u>	<u>Price Paid</u> <u>Per Pound</u>	<u>Total</u> <u>Pounds</u>
Feb.	2,954	.02 - .09	4,894	.01 - .06	7,848
Mar.	91,149	.03 - .06	66,067	.01 - .03 $\frac{1}{2}$	157,216
April	12,831	.04 - .06	12,428	.01 - .04	25,259
May	48,467	.03 - .04 $\frac{1}{2}$	37,476	.02	85,943
June	126,815	.04	84,684	.02	211,499
July	203,384	.05 - .06	202,890	.02 $\frac{1}{2}$ - .03 $\frac{1}{2}$	406,274
Aug.	132,031	.06	130,338	.04	262,369
Sept.	10,337	.06 - .07	4,570	.04 $\frac{1}{2}$ - .06 $\frac{1}{2}$	14,907
Oct.	7,892	.07	3,089	.04 - .06	10,981
TOTALS:	635,859		546,436		1,182,295

TOTAL MONTHLY HALIBUT LANDINGS
WRANGELL-PETERSBURG DISTRICT
Season 1933

	No. Pounds No. 1	No. Pounds No. 2	Total No. Pounds
* Petersburg Landings	635,857	546,436	1,182,295
Wrangell Landings	179,112	129,039	308,151
	814,969	675,465	1,490,446

* Prices paid for halibut
this year at Petersburg
averaged about 5¢ for
No. 1's and about $3\frac{1}{4}$ ¢
for No. 2's.

HALIBUT LIVERS
WRANGELL-PETERSBURG DISTRICT
Season 1933

Place Purchased	For Whom Purchased	Number of Pounds	Price Per Lb.	Total Value
Petersburg	Parke, Davis & Co.	23,966	.15	\$3,594.90
Petersburg	Marlyn Fish Co.	3,738	.18	672.84
Wrangell	Parke, Davis & Co.	3,605	.15	540.75
		31,309		\$4,808.49

HALIBUT - FRESH AND FROZEN

Wrangell Shipments

<u>Name of Agent and Purchasing Company</u>	<u>No. Pounds Shipped Fresh</u>	<u>Value</u>	<u>No. Pounds Shipped Frozen</u>	<u>Value</u>
Lennie Engstrom SEBASTIAN STUART FISH CO. Seattle	988	43.12	81	4.86
A. R. Brueger NORTHERN PRODUCTS CORP.,) WHIZ FISH PRODUCTS, INC.) Seattle)	61,000	2,645.00	94,072	5,173.96
Wrangell Cold Storage Co. SAN JUAN FISHING & PKG. CO.,) Seattle)	52,666	2,106.64		
C. C. Mundy WASHINGTON FISH & OYSTER CO. Seattle	12,315	492.60		
C. C. Mundy CHASE FISH COMPANY, Seattle.	70,580	2,823.20		
	197,549	\$8,110.56	94,153	\$5,178.82

HALIBUT - FRESH AND FROZEN

Petersburg Shipments and Cold Storage

Name of Agent and Purchasing Company	No. Pounds Shipped Fresh	Value	No. Pounds Shipped Frozen	Value
Olaf Bernhoft MARLYN FISH CO., Ketchikan			468,206	\$21,520.68
Olaf Bernhoft *FULTON FISH & OYSTER CO., INC. Chicago			289,234	13,965.89
Olaf Bernhoft *ATLANTIC COAST FISHERIES Seattle			218	10.50
Hans Nordin UNION TRADING & PACKING CO., Ketchikan			2,710	118.73
Knute Thompson SAN JUAN FISHING & PACKING CO., Seattle	7,848	294.52	279,428	13,262.83
	7,848	294.52	1,039,796	48,878.63

*Represented by Marlyn Fish Co.,
Olaf Bernhoft, Agent.

SHRIMP

ALASKAN GLACIER SEA FOOD COMPANY Petersburg

This company's fishermen took 855,000 pounds of raw shrimp at a cost of \$9,500.00.

No. lbs. Fresh Shell <u>Shrimp Sold</u>	<u>Value</u>	No. lbs. Shrimp Meat <u>Shipped</u>	<u>Value</u>
1,540	\$231.00	130,500	\$43,567.90

The prepared shrimp meat (130,500 pounds) was shipped in 5-lb. and 1-lb. cans, as follows:

No. 5-lb. <u>Cans</u>	<u>Value</u>
22,846	\$37,695.90

No. 1-lb. <u>Cans</u>	<u>Value</u>
*16,270	5,872.00
	<u>\$43,567.90</u>

Note: Of this amount, 108 cans were sold locally.

Clams

Clam packing operations were again undertaken this fall by Mr. Ohmer, president of the Alaskan Glacier Sea Food Company, and carried on alongside the company's dock in the floating cannery formerly used by them for shrimp packing. Mr. Ohmer undertook this work more as an experiment, with the idea of developing the industry should the venture prove profitable, and also to give employment to the Petersburg people of his organization.. Butter clams were taken in the Point Baker vicinity.

SHRIMP AND CRABS

STIKINE SEA FOOD COMPANY, INC.
Wrangell

This company's fishermen took 666,000 pounds of raw shrimp at a cost of \$5,175.00.

No. lbs. Shrimp Meat <u>Shipped</u>	<u>Value</u>
109,900	\$33,000.00

The prepared shrimp meat (109,900 pounds) was shipped in 5-lb. and 1-lb. cans, as follows:

	<u>Value</u>
No. 5-lb. cans: 88,900	\$26,700.00
No. 1-lb. cans: <u>21,000</u>	<u>6,300.00</u>
Total. 109,900	\$33,000.00

The Stikine Sea Food Company, Inc., caught 12,500 dozen crabs during the season, for which they paid their fishermen \$6,250.00.

	<u>Value</u>
No. lbs. Crab Meat Shipped: 44,900	\$13,572.00
No. dz. Whole Crabs Shipped: 900	<u>1,350.00</u>
	\$14,922.00

Notes: Shrimps and crabs (picked meat) sold by this company are packed in 1-lb. cans 150 cans to case (150#); and 5-lb. cans 28 cans to case (140#).

SHRIMP

RELIANCE SHRIMP COMPANY,
Wrangell

The Reliance Shrimp Company took 269,040 pounds of raw shrimp at a cost of \$2,715.00

The prepared shrimp meat (67,260 pounds) was shipped in 5-lb. and 1-lb. cans as follows:

	No. lbs. <u>Packed</u>	<u>Value</u>
No. 5-lb. cans: 10,092	50,460	\$17,661.00
No. 1-lb. cans: 16,800	<u>16,800</u>	<u>5,880.00</u>
	67,260	\$23,541.00

C R A B S

NORTHERN SEA FOOD COMPANY,
Petersburg

The Northern Sea Food Company caught 28,333 dozen crabs at a cost of \$14,166.50.

		<u>Value</u>
No. lbs. Crab Meat Shipped:	87,616	\$27,558.00
No. dz. Whole Crabs Shipped:	87	<u>130.50</u>
		\$27,688.50

Note: Picked crab meat is marketed by the Northern Sea Food Company in three sizes of cans;

1/2-lb. flats.....	48	cans to case	(24#)
1-lb. talls.....	48	" " "	(48#)
5-lb.	28	" " "	(140#)

TOTAL SHRIMP PACK
Wrangell-Petersburg District
Season of 1933

<u>Name of Company</u>	<u>No. lbs. Shrimp Taken</u>	<u>C o s t</u>	<u>No. lbs. Shrimp Meat Shipped</u>	<u>V a l u e</u>
Alaskan Glacier Sea Food Company	855,000	\$ 9,500.00	130,500	\$ 43,567.90
Stikine Sea Food Company, Inc.	666,000	5,175.00	109,900	33,000.00
Reliance Shrimp Company	269,040	2,715.00	67,260	23,541.00
TOTAL:	1,790,040	\$17,390.00	307,660	\$100,108.90

TOTAL CRAB PACK
Wrangell-Petersburg District
Season of 1933

<u>Name of Company</u>	<u>No. Dz. Crabs Taken</u>	<u>C o s t</u>	<u>No. dz. Whole Crabs Shipped</u>	<u>V a l u e</u>	<u>No. lbs. Crab Meat Shipped</u>	<u>V a l u e</u>
Stikine Sea Food Company, Inc.	12,500	\$ 6,250.00	900	\$1,350.00	44,900	\$13,572.00
Northern Sea Food Company	28,333	14,166.50	87	130.50	87,616	27,558.00
TOTAL:	40,833	\$20,416.50	987	\$1,480.50	132,516	\$41,130.00

SALMON, HERRING, AND MISCELLANEOUS
(Fresh, Frozen, and Mild-Cured)

SALMON--Frozen

<u>Name of Company and Agent</u>	<u>King Lbs.</u>	<u>Coho Lbs.</u>	<u>Pink Lbs.</u>	<u>Chum Lbs.</u>	<u>Steel- head Lbs.</u>	<u>Red Lbs.</u>	<u>T o t a l No. Lbs.</u>
Olaf Bernhoft MARLYN FISH CO.	21,993	62,551	204	50	0	0	84,798
Hans Nordin UNION TRADING & PACKING CO.	61,826	176,779	0	550	220	0	242,085
Olaf Bernhoft ATLANTIC COAST FISHERIES	368	5,860	0	0	0	0	6,228
A. R. Brueger NORTHERN PRODUCTS CORPORATION	45,386	81,113	2,100	0	3,000	0	131,599
A. R. Brueger WHIZ FISH PRODUCTS CORP.	4,300	61,365	0	0	0	1,300	66,965
L. Engstrom SEBASTIAN STUART FISH CO.	6,188	28,602	0	0	0	0	34,790
Total:	140,061	416,270	2,304	600	3,220	1,300	566,465

SALMON--Fresh Iced

<u>Name of Company and Agent</u>	<u>King Lbs.</u>	<u>Coho Lbs.</u>	<u>Total Lbs.</u>	<u>V a l u e</u>
H. R. Coulter WRANGELL COLD STORAGE CO., INC.	126,065	28,008	154,073	\$ 7,013.35
L. Engstrom SEBASTIAN STUART FISH CO.	17,278	4,384	21,562	1,180.50
C. C. Mundy WASHINGTON FISH & OYSTER CO.....	8,100	0	8,100	486.00
CHASE FISH CO.....	37,030	0	37,030	2,221.80
	188,473	32,392	220,765	\$ 10,901.65

SALMON--Mild Cured

<u>Name of Company</u>	<u>(No. tierces (800# ea.)</u>		<u>V a l u e</u>
	<u>Coho</u>	<u>King</u>	
MARLYN FISH CO.	0	43	\$ 5,563.20
SEBASTIAN STUART FISH CO.	0	26	4,340.00
NORTHERN PRODUCTS CORP.	149	234	53,615.00
Total.....	149	303	\$63,518.20

Prices paid for fresh
salmon to be frozen:

Red Kings.....	.06 to .11	per lb.
White Kings.....	.03 to .09	" "
Cohos.....	.02 $\frac{1}{2}$ to .07	" "
Pinks.....	.05	per fish
Chums.....	.05	" "

Prices paid for fresh
salmon to be mild cured:

Red Kings..... .10 to .18 per lb.

H E R R I N G

Herring frozen for
Bait purposes:

	<u>No. Bbls. (200# ea.)</u>	<u>No. Pounds</u>	<u>V a l u e</u>
Petersburg:	242	48,400	\$ 363.00
Wrangell:	462	92,400	493.00
Total.....	704	140,800	\$ 856.00

TROUT
(Dolly Varden or Salmon Trout)

<u>Shipped fresh--iced</u>	<u>No. Fish</u>	<u>No. Pounds</u>	<u>Cost Value</u>
Trout caught and landed at Wrangell:	10,520	10,472	\$ 523.60
Trout caught and landed at Petersburg:	12,295	12,200	633.50
Total.....	22,815	22,672	\$ 1,167.10

Trout fishing was carried on commercially before the commencement of the salmon runs. Seines were used, principally, and the fish were taken in Red Bay, Lake Bay, Ideal Cove, Portage Bay, Salmon Bay, Wrangell Narrows, and Chaik Bay.

FLOUNDERS: Alaskan Glacier Sea Food Company took flounders, totalling 75,000 pounds, valued at \$1,125.00, for mink food on Petersburg Creek Flats, Wrangell Narrows, and outside Stikine Flats.

W E I R S

Weirs were not maintained in Anan Creek, Whale Passage, and Eagle Creek, as in previous years, owing to shortage of funds, the weir at Olive Cove being the only one to be put in operation this season. The work of installing the Olive Cove weir was commenced on June 7, and two days later work was begun on the retaining pen, progress being greatly retarded by extremely high water, although by June 12th both the weir and the pen were completed.

This is the fourth year that the special 15' x 32' retaining pen has been put in at this weir, for the use of Dr. F. A. Davidson in his scientific study of biological changes in the maturing process of salmon. The pen, which is built under the direction of Dr. Davidson, will accommodate approximately 800 fish.

The first pink showed July 6th at the mouth of Snake Creek, but by the 12th a few salmon showed below the falls. By the 14th, salmon began showing in good numbers in the bay and in the Snake Creek area between the mouth and lower falls. A few fish appeared below the weir on the 14th but were not passed through until the next day, when a count was made of 1,384 pinks. (It will be noted from the table, the pink run was six days later than in 1931.) The peak of the run occurred this season on July 21, when a count of 13,527 was made, and again on July 30, when 10,619 were passed through the weir. Excessive rains, causing extremely high water, made counting impossible five days during the season, August 11th, 12th, 19th, 20th, and 21st.

On August 24, the weir was removed and stored. At this time there were about 7,000 spawning fish in the stream below the weir, in addition to the number that were passed through, making an approximate total of 140,281 pinks for this season. The total commercial catch made just outside the prohibited area in this section totalled approximately 55,000 fish.

WRANGELL-PETERSBURG DISTRICT
RECORD OF SALMON RUN, BY SPECIES
COUNTED THROUGH OLIVE COVE WEIR, IN SNAKE CREEK
SEASON 1933

The Olive Cove pink salmon count for 1931 is given below, for the purpose of comparison:

		<u>Season of 1931</u>		<u>Season of 1933</u>		COHOS	TOTAL	CHUMS	TOTAL
		HUMPS	TOTAL	HUMPS	TOTAL				
July	9	350							
	10	1,078							
	11	2,845							
	12	2,133							
	13	5,227							
	14	5,568							
	15	3,522	<u>20,723</u>	1,384	<u>1,384</u>				
	16	6,161		9,745				6	
	17	3,689		4,315				1	
	18	3,000		1,113				0	
	19	2,611		3,897				0	
	20	2,681		7,891				3	
	21	3,489		13,527				5	
	22	5,484	<u>47,838</u>	9,328	<u>51,200</u>			2	<u>17</u>
	23	8,131		6,306				6	
	24	10,108		7,201				0	
	25	9,237		4,847				5	
	26	4,587		4,830				1	
	27	5,400		3,969				5	
	28	4,282		4,726				6	
	29	1,690	<u>91,273</u>	4,300	<u>87,379</u>			0	<u>40</u>
	30	2,706		10,619				6	
	31	2,750		6,862				0	
Aug.	1	2,485		4,125				1	
	2	1,840		3,566				3	
	3	600		1,597				1	
	4	257		2,444				2	
	5	138	<u>103,246</u>	1,197	<u>117,789</u>			0	<u>53</u>

Olive Cove Weir Count, showing
weekly totals, cont'd:

		Season of 1931		Season of 1933					
		HUMPS	TOTAL	HUMPS	TOTAL	COHOS	TOTAL	CHUMS	TOTAL
Aug.	6	364		1,383		1		1	
	7	628		6,600		3		13	
	8	205		613		0		2	
	9	168		2,000		0		5	
	10	359		230		0		0	
	11	363		0		0		0	
	12	374	<u>104,510</u>	0	<u>128,615</u>	0	<u>5</u>	0	<u>74</u>
	13	517		77		0		0	
	14	1,001		848		0		0	
	15	430		1,376		1		4	
	16	192		621		2		2	
	17	348		240		10		5	
	18	154		256		5		6	
	19	162	<u>107,314</u>	0	<u>132,033</u>	0	<u>23</u>	4	<u>95</u>
	20	128		0		0		1	
	21	50		0		0		1	
	22	151		162		1		2	
	23	1,950		829		25		4	
	24	1,138		57	<u>133,081</u>	2	<u>51</u>	4	<u>107</u>
	25	230							
	26	81	<u>111,062</u>						
Sept.	27	5							
	28	571							
	29	365							
	30	187							
	31	105							
	1	155							
	2	180							
	3	56							
	4	73							
	5	1,000	<u>113,689</u>						

Olive Cove Weir Count cont'd:

Total Escapement, all species, Olive Cove Weir

Showing actual count and additional estimated escapement, Seasons of 1931 and 1933.

<u>Species</u>	<u>Season 1931</u>		<u>Season 1933</u>	
Humps	113,689	8,000	133,081	7,000
Cohos	406	500	51	700
Chums	399		107	
Reds	2		0	
	114,496	8,500	133,239	7,700
	8,500*		7,700*	
	122,996		140,939	

*Estimated below weir and
entering stream after
removal weir

PATROL AND INSPECTION

The U.S.F.S. AUKLET, Capt. Leo J. Collins, was again assigned to the Wrangell-Petersburg District for general patrol duty, during the season of 1933. The AUKLET'S mileage for the season totalled 5,183 miles. She made 99 trap visits, 16 trips to Anan Creek, and 18 trips to Olive Cove.

The chartering of other boats for the making of emergency trips, according to the exigencies of the service, and for general patrol duty, following the shifting bases of activities during the active fishing season, was not possible this year, because of shortage of funds. We were especially fortunate, however, in securing for an average of 41 days each, the services as stream watchmen of Capt. Carter F. Hurley and Capt. T. J. McBride, owners and operators of the BEAR and the LADY LUCK, respectively. Owing to extreme financial conditions, these men who in previous years have always chartered their boats, at from \$15. to \$20. a day, to our Bureau, to other branches of the government, and to individuals, worked as stream watchmen, although the pay received could not compensate them for their services and the general wear and tear on their boats and engines.

Captain Hurley covered the entire district, and Captain McBride covered especially Salmon Bay, Eagle Creek-Ratz Harbor Coast, Lake Bay region, including Whale Passage and Sections of Summer Strait and Clarence Strait. During the short period of their employment, Captain Hurley ran 1,675 miles, made 25 trap visits, 11 visits to Anan Creek, and 3 visits to Olive Cove, while Captain McBride ran 1,215 miles and made 28 trap visits.

Special visits made by patrol boats as follows:

	<u>Stops at</u> <u>Traps</u>	<u>Olive Cove</u> <u>Weir</u>	<u>Anan Cr.</u> <u>Weir Site</u>	<u>Mileage</u> <u>Covered</u>
AUKLET	99	18	16	5,183
BEAR	25	3	11	1,675
LADY LUCK	28	0	0	1,215
	152	21	27	8,073

Patrol and Inspection cont'd.

In addition to the general patrol U.S.F.S. AUKLET, and the gas boats BEAR and LADY LUCK, also detailed to general patrol duty, there were in our service six gas launches, averaging about 32 feet in length, used as living quarters of stream watchmen, while the men were detailed to various sections and stations, and three skiffs with outboard motors, averaging about 16 feet, also used by our men. These smaller boats were as follows:

<u>Section Patrolled</u>	<u>Name of Stream Watchman</u>	<u>Kind of Boat</u>
Barrie Creek, N.W. Arm Summer Strait	Peter Peterson	32-ft. launch
Rocky Bay and Mosman Inlet	Elmer F. Carlstrom	32-ft. launch
Petersburg, Wrangell Narrows	Guy C. Roundtree	34-ft. launch
Stikine River Area	Wm. A. Vreeland	32-ft. launch
Salmon Bay and McHenry Inlet	Wm. C. Lawrence	32-ft. Launch
Olive Cove	Wm. F. Campen	32-ft. launch
Olive Cove	Walter Campen	Skiff with outboard motor
Thoms Place	G. Paul MacCreary	Skiff with outboard motor
Anan Creek	Jack Pratt	Skiff with outboard motor

WRANGELL DISTRICT PERSONNEL
SEASON OF 1933

Temporary Seasonal Employees:

<u>Name and Classification</u>	<u>Place Stationed</u>	<u>Period of Employment</u>	<u>No. Days</u>	<u>Daily Rate</u>	<u>T O T A L Less 15 %</u>
Jack Pratt*	Anan Creek	May 1-5,	5	\$5.	\$ 25.
Laborer and		July 15-30,	40	4.	160.
Stream Watchman		Aug. 2-25			
Carter F. Hurley**	General Patrol	May 14, 27-29,	44	6.	264.
Patrol Guard		June 1-13, 16-20			
		July 15-29			
		Aug. 19-21, 26-29			
T. J. McBride**	General Patrol	June 1-21	38	6.	228.
Patrol Guard		July 15-29			
		Sept. 21-22			
Walter Campen*	Olive Cove	June 7-20	57	6.	342.
Weir Operator and		July 1-31			
Stream Watchman		Aug. 1-11, 24			
Wm. F. Campen**	Olive Cove	June 7-19	13	5.	65.
Laborer and		Aug. 24	1	6.	6.
Stream Watchman					
Richard J. Surratt	Wrangell	June 10-12	3	5.	15.
Laborer					
Helen Hofstad	Wrangell	June 11	1	5.	5.
Stenographer					
Lillian J. Swanson	Petersburg	June 12	1	5.	5.
Stenographer					
Wm. G. Lawrence**	Salmon Bay and	July 3-30	42	6.	252.
Stream Watchman	McHenry Inlet	Aug. 12-25			
					<u>\$1,367.</u>

WRANGELL DISTRICT PERSONNEL (Cont'd)
Season of 1933

<u>Name and Classification</u>	<u>Place Stationed</u>	<u>Period of Employment</u>	<u>No. Days</u>	<u>Daily Rate</u>	<u>T O T A L Less 15 %</u>
					Fwd. \$1,367.
Peter Peterson** Patrol Guard	Barry Creek and Northwest Arm, Summer Strait	July 3-30 Aug. 1-29	57	\$6.	342.
G. Paul MacGreary* Stream Watchman	Thoms Place	July 3-29 Aug. 1-29	41	6.	246.
Elmer F. Carlstrom** Stream Watchman	Rocky Bay and Mosman Inlet	July 8-29 Aug. 17-27	33	6.	198.
Guy C. Roundtree** Stream Watchman	Wrangell Narrows	July 21-23 Aug. 7-26	23	6.	138.
Wm. A. Vreeland** Stream Watchman	Stikine River Area	Sept. 10, 16-17	3	6.	18.
					<hr/> \$2,309.

Pay Rolls, Season 1933:

May	\$	49.	
June		<u>408.</u>	\$ 457.
July		1,078.	
Aug.		744.	
Sept.		<u>30.</u>	<u>1,852.</u>
			\$2,309.

** Equipped with launch

* Equipped with skiff and outboard motor (averaging about 16 ft. in length)

Summary of Salmon Runs and Escapement,
Wrangell-Petersburg District,
Season of 1933.....

The following is a brief synopsis of the salmon runs and escapement in the Wrangell-Petersburg District, based upon my personal observations and the observations of the temporary employees who were stationed at the most advantageous points and on the most important streams to acquire this information:

Sumner Strait District

Affleck Canal.....Good
Port Beauclere..... "
Reed Bay.....Heavy
Northwest Arm of Sumner
Strait, embracing:
Unnamed Bay.....Fair
Alvin Bay..... "
Seclusion Harbor.....Good
Three-Mile Arm..... "
Mission Creek..... "
Loveless Creek..... "
Point Barry Creek.....Average Pinks; Good Red

North shore Sumner Strait, from Point Barry to Point Alexander and
Blaquiere Point, embracing:

Totem Bay.....Good
Douglas Bay.....Average
Kahsheets Bay.....Good
Duncan Canal..... "
Blind slough..... "

North--Northeast shore Prince of Wales Island, Clarence Strait and
Snow Pass;

Red Bay.....Average
Salmon Bay.....Good
Exchange Cove..... "

Zimovia Strait:

Conks Creek.....Good
Anita Bay Streams..... "
Olive Cove--Snake Creek...Heavy
Thoms place..... "

Ernest Sound Streams:

Menefee Inlet.....Good
 Fools Inlet.....Heavy
 Frosty Bay.....Fair
 Santiana Inlet.....Good
 Sunny Bay.....Fair
 Watkins Cove.....Average
 Emerald Bay....."
 Vixen Inlet.....Good
 Black Bear Creek....."

Bradfield Canal:

Anan Creek.....Average
 Clay Creek.....Good
 Franks Creek....."
 Big Head Thomas....."
 Harding River.....Average
 Eagle River.....Good
 Bradfield River, left
 and right forks.....Average

The streams on the west shore of Etolin Island and east shore of Prince of Wales Island, embracing the following principal spawning grounds:

McHenry Inlet.....Good
 Burnett Inlet....."
 Rocky Bay.....Average
 Mosman Inlet....."
 Steamer Bay....."
 King George.....Good

Whale passage Streams to Narrow Point:

Whale Passage.....Average
 Lake Bay and tributary waters.....Good
 Eagle Creek....."
 Ratz Harbor.....Average

Generally speaking, the pink salmon run in this district was good, although unusually retarded, appearing from eight to twelve days late in all localities; however, the percentage of escapement in most of the streams was in fair proportion to the run volume. The early streams carrying red salmon experienced very good runs and escapement. In fact, all of the principal red salmon streams have been showing a fair average increase for the past four years. The chum run was disappointing, falling far below expectation in this district, the run being much lighter than in the brood year, despite protective measures in force the past six years to build up the run. The coho run and escapement was reasonably good, especially in the Stikine River area. The early run of kings in the Stikine River was exceptionally good, and the escapement unusually favorable, owing to the fishermen's strike which was on during April, May, and part of June, which allowed a heavy percentage of the run to pass up the river to the spawning grounds.

Summary of Salmon Runs and Escapement,
Wrangell-Petersburg District,
Season of 1933.

The humpback or pink salmon escapement of 1931 is given below for comparison, with a view to showing the cycle of that species.

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
PETERSBURG CREEK Wrangell Narrows	Humps	160,000	90,000
	Cohos		20,000
	Chums		15,000
	Reds		<u>15,000</u> 140,000
BLIND RIVER Wrangell Narrows	Humps	50,000	40,000
	Cohos		20,000
	Chums		<u>25,000</u> 85,000
COLORADO CREEK Wrangell Narrows	Humps	12,000	5,000
	Cohos		10,000
	Chums		<u>1,000</u> 16,000
FALL CREEK Wrangell Narrows	<u>Cohos</u>	8,000	5,000
CASTLE CREEK Duncan Canal (3 arms; West, South and East)	Humps	20,000	15,000
	Cohos		10,000
	Chums		<u>15,000</u> 40,000
SALT CHUCK Duncan Canal (Lagoon and Stream)	Humps	5,000	7,000
	Cohos		10,000
	Chums		<u>1,000</u> 18,000

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
KAH SHEETS BAY CREEK AND LAKE	Humps	40,000	20,000
Kupreanof Island	Cohos		3,000
Summer Strait	Chums		2,000
	Reds		<u>2,500</u>
			27,500
DOUGLAS BAY CREEK	Humps	5,000	4,000
Kupreanof Island	Chums		<u>500</u>
Summer Strait			4,500
<u>T O T E M B A Y</u>			
MIDDLE ARM CREEK (Main)	Humps	50,000	30,000
	Chums		<u>3,000</u>
			33,000
WEST ARM CREEK (Left)	Humps	25,000	15,000
	Chums		<u>5,000</u>
			20,000
EAST ARM CREEK (Right)	Humps	11,000	1,000
	Cohos		<u>0</u>
			1,000
BARRIE CREEK	Humps	175,000	40,000
S.W.Kupreanof Island	Cohos		5,000
N.W.Arm Summer Strait	Chums		2,500
	Reds		<u>35,000</u>
			82,500
LOVELESS CREEK	Humps	180,000	65,000
North of Barrie Creek	Cohos		2,000
S.W.shore, Kupreanof Is.	Chums		<u>5,000</u>
			72,000
MISSION CREEK	Humps	250,000	80,000
S.end Keku Strait	Cohos		1,000
S.W.shore Kupreanof Is.	Chums		<u>6,000</u>
			87,000

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
SECLUSION HARBOR (Streams and lake) E. shore Kuiu Is. N.W.Arm Summer Strait (Lake and creeks at head Seclusion Harbor)	Humps Cohos Chums	190,000	75,000 2,500 <u>10,000</u> 87,500
THREE MILE ARM E. SHORE Kuiu Island N.W.ARM Summer Strait (3 streams, North, West, and South)	Humps Cohos Chums	90,000	45,000 1,500 <u>7,000</u> 53,500
UNNAMED STREAM IN UNNAMED BAY E. shore Kuiu Island N.W.arm Summer Strait	Humps Chums	15,000	5,000 <u>3,000</u> 8,000
Alvin Bay Stream E. shore Kuiu Island N.W.arm Summer Strait	Humps Chums	15,000	6,000 <u>2,000</u> 8,000
REID BAY (2) STREAMS E. Shore Kuiu Island Summer Strait	Humps Chums	7,000	12,000 <u>500</u> 12,500
PORT BEAUCLERE Dermik Creek and six other small streams	Humps Cohos Chums Reds	150,000	65,000 1,500 8,000 <u>1,500</u> 76,000
AFFLECK CANAL STREAMS (4 streams) S.E.shore Kuiu Island 2 good streams--West; 2 small streams--N.W.	Humps Cohos Chums	90,000	50,000 3,500 <u>5,000</u> 58,500

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
RED BAY (2) STREAMS	Humps	25,000	15,000
North shore Prince of	Cohos		2,000
Wales Is., Summer Str.	Chums		2,000
(Lake stream and	Reds		1,500
stream to right)			<u>20,500</u>
SALMON BAY STREAM	Humps	35,000	40,000
N.shore Pr. of Wales Is.,	Cohos		7,000
Summer Strait	Chums		5,000
	Reds		<u>35,000</u>
			87,000
<u>Weir Count:</u>			
WHALE PASSAGE CREEK	Humps	508,818	175,000
(Weir Stream)	Cohos	19,516	5,000
N.W.arm Whale Passage	Chums	<u>68,617</u>	<u>10,000</u>
		596,951	190,000
Estimate of fish spawn-	Humps	35,000	3,000
ing and in stream area	Cohos	1,000	0
below old weir site:	Chums	<u>500</u>	<u>1,000</u>
		36,500	4,000
DOG SALMON CREEK and	Humps	35,000	25,000
BIG HUMPY CREEK	Cohos		3,000
In Little Rocky Bay,	Chums		<u>12,000</u>
W. shore Whale Passage,			40,000
E. shore Prince of Wales Is.			
LOG JAM CREEK	Humps	230,000	75,000
Tributary to Sweet Water	Cohos		40,000
Lake and Barnes Lake,	Chums		10,000
Lake Bay region	Reds		<u>2,500</u>
			127,500

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
HATCHERY CREEK	Humps	200,000	90,000
Tributary to Sweet Water	Cohos		10,000
Lake and Barnes Lake,	Chums		3,000
Lake Bay region	Reds		50,000
			<u>153,000</u>

THOMAS CREEK	Humps	500	1,000
Tributary at head	Chum		10,000
Barnes Lake	Steelhead		<u>300</u>
			11,300

SWEETWATER LAKE and	Humps	75,000	50,000
BARNES LAKE, and small	Cohos		20,000
feeders, tributary to	Chum		<u>5,000</u>
Lake Bay Creek and			75,000
Indian Creek. (Late			
escapement, greater part			
of which will probably go			
on to Log Jam, Hatchery,			
and Thomas Creeks.)			

Weir Count:

EAGLE CREEK	Humps	532,650	200,000
(Weir Stream)	Cohos	4,508	3,000
Clarence Strait, E. shore	Chums	48,607	15,000
Prince of Wales Island	Reds	<u>17,414</u>	<u>30,000</u>
		603,187	248,000

RATZ HARBOR	Humps	225,000	75,000
E. shore, Prince of	Cohos		3,000
Wales Island,	Chums		10,000
Clarence Strait	Reds		<u>10,000</u>
			98,000

BLACK BEAR CREEK:	Humps	250,000	225,000
Left and Right Forks,	Cohos		7,000
Head of Union Bay	Chums		<u>20,000</u>
			252,000

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1932</u>
VIXEN HARBOR and VIXEN INLET (3 streams) S.E. shore of Ernest Sound, E. of Union Bay	Humps Chums	90,000	100,000 5,000 105,000
EMERALD BAY (1) Ernest Sound, W. shore Cleveland Peninsula	Humps Cohos Chums	50,000	35,000 500 8,000 43,500
WATKINS POINT STREAM N.W. shore Ernest Sound, about 1 mi. easterly from Watkins Point	Humps Chums	60,000	45,000 1,000 46,000
SUNNY BAY (2) Seward Passage (1 small stream S. of Point Santa Ana and 1 stream about 1 mi. E. of Watkins Point)	Humps Chums	15,000	10,000 1,000 11,000
SANTA ANA INLET (Stream and Lake Helen and 2 other small streams)	Humps Cohos Chums Reds	200,000	70,000 3,500 2,000 1,500 77,000
FROSTY BAY CREEK (1) E. shore Seward Passage	Humps Chums	35,000	25,000 1,000 26,000

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
		Weir Count:	
ANAN CREEK	Humps	613,598	225,000
(Weir Stream)	Cohos	1,206	5,000
Bradfield Canal,	Chums	27	2,500
East of Point Warde	Reds	31	35
	Kings	42	50
	Steelheads	172	300
		<u>615,076</u>	<u>232,885</u>
BRADFIELD CANAL STREAMS	Humps	15,000	20,000
Bradfield River; Left and	Cohos		1,500
Right Forks, --2 fine	Chums		1,000
streams, but apparently	Kings		2,000
do not carry many fish			<u>24,500</u>
EAGLE RIVER	Humps	250,000	150,000
Near head of	Cohos		5,000
Bradfield Canal,	Chums		20,000
S.E. shore.	Kings		8,000
			<u>183,000</u>
HARDING RIVER	Humps	200,000	65,000
Near head Bradfield	Chums		3,000
Canal, N. shore	Kings		4,000
			<u>72,000</u>
Big Head Thomas or	Humps	10,000	12,000
Mud Creek,	Cohos		7,000
N. shore Bradfield	Chums		500
Canal, W. of Harding	Kings		200
River			<u>19,700</u>
FRANKS CREEK	Humps	40,000	20,000
N. shore Bradfield Canal,	Chums		500
W. of Big Head Thomas	Steelhead		700
			<u>21,200</u>

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
CLAY CREEK	Humps	15,000	25,000
N. shore Bradfield	Cohos		500
Canal, opposite	Chums		<u>2,500</u>
N. E. Anan Lagoon			28,000
FOOL'S INLET	Humps	20,000	30,000
S. E. shore,	Chums		<u>2,000</u>
Wrangell Island			32,000
THOM'S PLACE	Humps	18,000	25,000
S.W.shore Wrangell	Cohos		<u>1,000</u>
Island,	Reds		<u>15,000</u>
Zimovia Strait			41,000
CONKS CREEK	Humps	3,500	4,000
N. E. Shore, Etolin	Chums		200
Island,	Reds		<u>1,800</u>
Zimovia Strait			6,000
ANITA BAY CREEK	Humps	20,000	1,500
Near head of bay,	Chums		<u>2,000</u>
N. E. shore			3,500
DOG SALMON CREEK	Humps	25,000	20,000
At right entrance	Cohos		1,000
to Anita Bay	Chums		<u>10,000</u>
			31,000

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
		<u>Weir Count:</u>	<u>Weir Count:</u>
SNAKE CREEK	Humps	113,689	133,081
Olive Cove	Cohos	406	51
<u>Weir Count</u>	Chums	399	107
	Reds	2	0
		<u>114,496</u>	<u>133,239</u>
Estimate additional in stream below weir:	Humps	8,000	6,000
		<u>122,496</u>	<u>139,239</u>
MENEFEE INLET CREEK	Humps	40,000	25,000
S.E. shore Etolin Is.	Cohos		300
	Chums		<u>3,500</u>
			28,800
MOHENRY INLET STREAM	Humps	180,000	30,000
Head stream 1/4 mile,	Chums		<u>20,000</u>
35-ft. falls; 3 branches			50,000
leading from falls over flats; favorable for about 20,000 fish.			
MOHENRY INLET (1)	Humps	250,000	90,000
S. shore Etolin Island;	Cohos		3,000
Right arm stream from	Chums		<u>10,000</u>
N.E. near head; best stream			103,000
BURNETT INLET (2)	Humps	140,000	80,000
CANNERY CREEK	Chums		7,000
Opposite cannery	Reds		<u>5,000</u>
(Including tidal waters)			92,000

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
MOSMANN INLET CREEK (3) S. shore Etolin Island	Humps Cohos Chums	150,000	65,000 500 <u>15,000</u> 80,000
ROCKY BAY CREEK W. shore Etolin Island	Humps Cohos Chums Reds	200,000	75,000 2,000 10,000 12,000 <u>99,000</u>
JOHNSON COVE CREEK W. shore, Etolin Island	Humps Chums	35,000	20,000 <u>2,000</u> 22,000
PORCUPINE CREEK Head of Steamer Bay W. shore, Etolin Island	Humps Cohos Chums	30,000	12,000 2,000 <u>3,000</u> 17,000
KING GEORGE CREEK N.W. shore, Etolin Island	Humps Chums	30,000	15,000 <u>3,500</u> 18,500
METER BIGHT (2 streams) E. shore Zarembo Island; main stream near center at head, and small stream just south of main stream	Humps Cohos Chums	45,000	225,000 700 <u>3,000</u> 28,700

<u>Stream and Location</u>	<u>Species</u>	<u>Escapement 1931</u>	<u>Escapement 1933</u>
BLIND SLOUGH STREAM S shore Mitkof Is.	Humps Cohos Chums	20,000	15,000 5,000 <u>3,000</u> 23,000
CRITTENDEN CREEK E of Babbler Pt. Eastern Passage, Left Arm.	Humps Cohos Chums	50,000	25,000 6,000 <u>2,000</u> 33,000
OEERNS CREEK N. end of Blake Channel	Humps Cohos Chums Kings	10,000	12,000 5,000 2,000 <u>300</u> 19,300
SNOW PASS STREAMS (2) S.W. shore Zarembo Island	Humps Cohos Chums	60,000	35,000 2,000 <u>4,000</u> 41,000
ANDREWS CREEK (2 big forks) About 15 mi. up Stikine River on right shore	Humps Cohos Chums Kings	400,000	175,000 25,000 40,000 <u>15,000</u> 255,000
STIKINE RIVER PROPER	Humps Cohos Chums Reds Kings	Good Average Average Average <u>Good</u>	Average Heavy Light Good <u>Heavy</u>

COMPLAINTS AND PROSECUTIONS

No violations of the fisheries laws and regulations were reported. It is believed that this was due largely to the salutary effect brought about by successful prosecutions in previous seasons for fishing in prohibited waters and by the constant patrol maintained throughout the active season, and which was particularly directed around those localities where the heaviest runs were in progress.

Moreover, there was good pink salmon fishing in most of the recognized outside shoreline seining grounds, being very good at times on the main shoreline of North Ernest Sound, Bradfield Canal, Zimovia Strait, sections of Summer Strait, and the west shore of Etolin Island, Clarence Strait. Few fish showed in bays and in other areas where fishing is prohibited until the end of the season, the various individual runs appearing from eight to twelve days late on schedules as recorded in normal years.

Financial Condition of Local Whites and Natives

Whites and natives residing at Wrangell, Petersburg, and at isolated camps and villages within the district, fish the North Prince of Wales Island District and the Stikine District, embracing the waters of Summer Strait, Clarence Strait, Ernest Sound, Bradfield Canal, Zimovia Strait, Stikine Strait, and Stikine River Flats. The prices paid gill-net and seine fishermen for sound fish were: pinks 6¢, dogs 7¢, cohos 10¢, reds 20¢, fall dogs 10¢, fall cohos 15¢. The same prices prevailed on the Stikine Flats, excepting for reds, which brought 25¢. The trolling prices for red kings were 10¢ to 18¢ a pound, white kings from 3¢ to 9¢, and cohos from 3¢ to 6¢.

During the season, there was a total of 1,233 persons employed directly in the fishery industries. Of these, 614 were natives, whose earnings totaled \$168,548.84, and there were 619 resident whites who earned \$260,382.11, a total of \$428,920.95.

The fishing situation, from the standpoint of individual earnings of local inhabitants, is far better in this district than in some of the districts further to the Westward and to the Northwest, where the season is limited to two or three months of salmon fishing, principally. Here we have diversified fishing. About 60% of those who fish with seines and gill-nets during the salmon season later augment their incomes considerably by fishing for halibut, herring, shrimp, crabs, and smelt; therefore, many of these people have about seven months of fishing. There are probably 45 natives and about 60 resident whites living within this district who trap fur during the winter, the natives averaging about \$150.00 and the whites about \$175.00.

Virtually all of the lumber that has been cut by sawmills in this district during the past two years has been for the use, directly or indirectly, of the fishery industries. In fact, the sawmills have been running through April, May, June, and July only. Wrangell and Petersburg enjoyed one of the best payrolls in many years, so far as the fisheries were concerned, due, of course, to the prices paid for the cheaper fish. On May 1st, a general strike was called by the power-boat trollers, which lasted until the end of June, curtailing production and earnings of both power- and hand-trollers here, and also affecting about 35 regular gill-net fishermen. It is estimated that this strike injured Wrangell to the extent of \$12,000.00, for the Stikine River Flats king salmon, as buyers refused to take the chance of being declared unfair by the trollers.

There are about 40 natives and about 120 resident whites who are engaged in other gainful pursuits, aside from the fisheries, within the district. Nevertheless, all business and professional men and trade workers depend almost exclusively upon the fishery industries. I feel that the natives and also the resident whites are better off than they have been for many years,--certainly better off than at any time within the last five years. Another important item to be considered is that many of the resident whites, as well as the natives, put up wild geese and ducks for winter, and also can, salt, and smoke fish and deer meat, besides canning wild berries.

Earnings of Natives and Resident Whites
Employed by salmon canneries as cannery workers and fishermen
Season 1933

PETERSBURG PACKING COMPANY

<u>N a t i v e s</u>				
<u>Cannery Workers</u>	<u>Wages</u>	<u>Fishermen</u>	<u>Wages</u>	<u>T o t a l</u>
108	\$17,704.00	23	\$9,357.00	\$27,161.00
<u>Resident Whites</u>				
60	10,621.00	15	5,776.00	<u>16,397.00</u>
				\$43,558.00

UNION BAY CANNERY COMPANY

<u>N a t i v e s</u>				
<u>Cannery Workers</u>	<u>Wages</u>	<u>Fishermen</u>	<u>Wages</u>	<u>T o t a l</u>
18	\$ 1,585.20	24	\$5,933.27	\$ 7,518.47
<u>Resident Whites</u>				
11	5,023.48	13	19,438.08	<u>24,461.56</u>
				\$31,980.03

Earnings (cont'd)

WRANGEL PACKING CORPORATION

<u>N a t i v e s</u>				
<u>Cannery Workers</u>	<u>Wages</u>	<u>Fishermen</u>	<u>Wages</u>	<u>T o t a l</u>
40	\$ 7,064.70	60	\$31,078.20	\$38,142.90
<u>Resident Whites</u>				
37	7,942.32	15	7,769.40	<u>15,711.72</u>
				\$53,854.62

DIAMOND K PACKING COMPANY

<u>N a t i v e s</u>				
<u>Cannery Workers</u>	<u>Wages</u>	<u>Fishermen</u>	<u>Wages</u>	<u>T o t a l</u>
55	\$ 4,045.36	34	\$10,893.79	\$14,939.15
<u>Resident Whites</u>				
163	24,440.14	83	32,038.93	<u>56,479.07</u>
				\$71,418.22

Earnings (cont'd)

HANSETH BROS.

<u>N a t i v e s</u>				
<u>Cannery Workers</u>	<u>Wages</u>	<u>Fishermen</u>	<u>Wages</u>	<u>T o t a l</u>
46	\$ 3,746.58	39	\$ 6,334.24	\$10,080.82
<u>Resident Whites</u>				
32	3,712.86	58	15,529.50	<u>19,242.36</u>
				\$29,323.18

RECAPITULATION:

<u>Natives</u>					
<u>Company</u>	<u>Cannery Workers</u>	<u>Total</u>	<u>Cannery Fishermen</u>	<u>Total</u>	<u>Wages Paid</u>
Petersburg Pkg. Co.	108		23		\$ 27,161.00
Union Bay Cannery Co.	18		24		7,518.47
Wrangel Pkg. Corp.	40		60		38,142.90
Diamond K Pkg. Co.	55		34		14,939.15
Hanseth Bros.	46	<u>267</u>	39	<u>180</u>	10,080.82
					\$ <u>97,842.34</u>

<u>Resident Whites</u>					
Petersburg Pkg. Co.	60		15		16,397.00
Union Bay Cannery Co.	11		13		24,461.56
Wrangel Pkg. Corp.	37		15		15,711.72
Diamond K Pkg. Co.	163		83		56,479.07
Hanseth Bros.	32	<u>293</u>	58	<u>184</u>	19,242.36
					\$132,291.71
		560		384	\$230,134.05

Earnings of Natives and Resident Whites
Employed by shrimp, crab, and clam canneries, and miscellaneous
fisheries, as cannery workers, fishermen, and other outside workers
Season 1933

ALASKAN GLACIER SEA FOOD COMPANY

<u>N a t i v e s</u>				
<u>Cannery Workers</u>	<u>Wages</u>	<u>Fishermen, etc.</u>	<u>Wages</u>	<u>T o t a l</u>
43	\$ 9,675.00	4	\$ 3,900.00	\$13,575.00
<u>Resident Whites</u>				
4	2,200.00	9	11,700.00	13,900.00
				\$27,475.00

NORTHERN SEA FOOD COMPANY

<u>N a t i v e s</u>				
None				
<u>Resident Whites</u>				
<u>Cannery Workers</u>	<u>Wages</u>	<u>Fishermen, etc.</u>	<u>Wages</u>	<u>T o t a l</u>
16	\$ 3,715.30	5	\$15,434.10	\$19,149.40

PETERSBURG COLD STORAGE COMPANY

<u>N a t i v e s</u>				
None				
<u>Resident Whites</u>				
<u>Inside Workers</u>	<u>Wages</u>			<u>T o t a l</u>
4	\$ 5,900.00			\$ 5,900.00

Earnings (cont'd)

STIKINE SEA FOOD COMPANY

N a t i v e s

<u>Cannery Workers</u>	<u>Wages</u>	<u>Fishermen, etc.</u>	<u>Wages</u>	<u>T o t a l</u>
37	\$ 8,148.50	5	\$ 5,175.00	\$13,323.50

Resident Whites

11	\$11,450.00	3	\$ 6,250.00	17,700.00
				\$31,023.50

RELIANCE SHRIMP COMPANY

N a t i v e s

<u>Cannery Workers</u>	<u>Wages</u>	<u>Fishermen, etc.</u>	<u>Wages</u>	<u>T o t a l</u>
16	\$ 4,968.00	None		\$ 4,968.00

Resident Whites

3	2,276.00	3	4,095.00	6,371.00
				\$11,339.00

A. R. BRUEGER

N a t i v e s

<u>Inside Workers</u>	<u>Wages</u>	<u>Fishermen, shores- men and fish split- ers</u>	<u>Wages</u>	<u>T o t a l</u>
2	\$ 930.00	18	\$ 8,730.00	\$ 9,660.00

Resident Whites

3	2,070.00	15	8,270.00	10,340.00
				\$20,000.00

Earnings (cont'd)

WRANGELL COLD STORAGE COMPANY

<u>N a t i v e s</u>			
<u>Inside Workers</u>	<u>Wages</u>	<u>Fishermen, etc.</u>	<u>T o t a l</u>
2	\$ 1,950.00	None	\$ 1,950.00
<u>R e s i d e n t W h i t e s</u>			
2	1,170.00	None	<u>1,170.00</u>
			\$ 3,120.00

Miscellaneous employment at Wrangell, including
ALASKA SPRUCE AND CEDAR PRODUCTS COMPANY, loggers,
wood-cutters, etc:

Natives:	23	Wages:	\$16,000.00
Whites:	36	"	<u>33,800.00</u>
			\$49,800.00

Miscellaneous employment at Petersburg, including
NORTHWEST MILL COMPANY, loggers, wood-cutters, etc:

Natives:	17	Wages:	\$11,230.00
Whites:	28	"	<u>19,750.00</u>
			30,980.00

Earnings (cont'd)RECAPITULATION:

Earnings of natives and resident whites in crab, shrimp, and clam canneries, other miscellaneous fisheries, and lumber industries:

<u>Name of Company</u>	<u>No. Native Employees</u>	<u>Wages</u>	<u>No. White Employees</u>	<u>Wages</u>	<u>T o t a l</u>
ALASKAN GLACIER SEA FOOD CO.	47	\$13,575.00	13	\$13,900.00	\$ 27,475.00
NORTHERN SEA FOOD COMPANY	0	0	21	19,149.40	19,149.40
PETERSBURG COLD STORAGE COMPANY	0	0	4	5,900.00	5,900.00
STIKINE SEA FOOD CO.	42	13,323.50	14	17,700.00	31,023.50
RELIANCE SHRIMP CO.	16	4,968.00	6	6,371.00	11,339.00
A. R. BRUEGER	20	9,660.00	18	10,340.00	20,000.00
WRANGELL COLD	2	1,950.00	2	1,170.00	3,120.00
ALASKA SPRUCE & CEDAR PRODUCTS CO. and allied lumber industries at Wrangell	23	16,000.00	36	33,800.00	49,800.00
NORTHWEST MILL CO. and allied lumber indus- tries at Petersburg	17	11,230.00	28	19,750.00	30,980.00
Totals.....	167	\$ 70,706.50	142	128,080.40	\$198,786.90
(See page 59) Salmon cannery workers and earnings:	447	97,842.34	477	132,291.71	230,134.05
GRAND TOTAL:	614	\$168,548.84	619	\$260,382.11	\$428,920.95

1933

SUMMARY OF TRAVEL

Jan. 1 - Feb. 24 At Seattle office and vicinity attending to routine duties.

Feb. 25 Left Seattle en route to Wrangell, Alaska, for duty in Wrangell-Petersburg District.

Feb. 28 Arrived at Wrangell.

Feb. 29 - June 24 At Wrangell office and vicinity visiting, inspecting, and directing fisheries activities.

June 25 Left Wrangell en route to Ketchikan, Alaska.

June 26 Arrived at Ketchikan. Reported to Bureau office.

June 27 - July 4 At Ketchikan and vicinity supervising temporarily fisheries activities in Ketchikan District.

July 5 Left Ketchikan aboard U.S.F.S. AUKLET en route to Wrangell. Arrived Wrangell 10:55 p.m.

July 6 - Nov. 4 At Bureau office, Wrangell and vicinity visiting, inspecting, and directing fisheries activities.

Nov. 5 Left Wrangell aboard U.S.F.S. BRANT en route to Seattle.

Nov. 9 Arrived at Seattle.

Nov. 10 - Dec. 17 At Seattle office attending to routine duties.

Dec. 18 Left Seattle en route to Wrangell, Alaska, for duty in the Wrangell-Petersburg District.

Dec. 22 Arrived at Wrangell.

Dec. 23-31 At Wrangell and vicinity conferring with local C.W.A. committee on stream clearing project F43. Interviewing applicants, and making preparations and assembling tools and equipment for C.W.A. stream clearing work.

Seattle, Washington
November 20, 1933.

Subject: Recommendations for new fisheries regulations,
Wrangell-Petersburg District, Season of 1934.

Commissioner of Fisheries,
Washington, D. C.

The following recommendations for the 1934 fisheries regulations in the
Wrangell-Petersburg District, Southeastern Alaska, are respectfully submitted:

NORTH PRINCE OF WALES ISLAND DISTRICT

SALMON FISHERY

REGULATION 6 should be amended to read as follows:

Commercial fishing for salmon, other than trolling, is prohibited prior to 6 o'clock antemeridian July 21 in each calendar year, from 6 o'clock antemeridian August 30 to 6 o'clock antemeridian October 1 in each year, and for the remainder of each calendar year after 6 o'clock post meridian October 15.

REGULATION 7 should be amended to read as follows:

Commercial fishing for salmon by means of any trap is prohibited except in the period from 6 o'clock antemeridian July 21 to 6 o'clock antemeridian August 30 in each year.

NEW REGULATION:

From July 21 to August 30, both dates inclusive, the 36-hour closed period for salmon fishing prescribed by Section 5 of the Act of June 6, 1924, is hereby extended to include the period from 6 o'clock antemeridian of Saturday of each week to 6 o'clock antemeridian of the Monday following, making a weekly closed period of 48 hours. PROVIDED, That this extension of 12 hours shall not apply to trolling.

REGULATION 14 should be amended to read as follows:

Commercial fishing for salmon is prohibited in all waters of Bradfield Canal east of 131 degrees 49 minutes west longitude; PROVIDED, That this prohibition shall not apply to trolling prior

to 6 o'clock antemeridian June 1 and after 6 o'clock post meridian September 30.

Anan Lagoon and contiguous waters: All commercial fishing for salmon is prohibited one and one-eighth statute miles outside the mouth of Anan Lagoon.

REGULATION (L) under Section 18 should be modified to read as follows:

Salmon Bay and its tributary waters, Northeast Coast of Prince of Wales Island; All waters within the bay and its tributary waters, and within one-half statute mile of the mouth of Salmon Bay.

(Note: The regulation as in effect last year practically stopped fishing this locality.)

STIKINE DISTRICT

SALMON FISHERY

REGULATION 1 should be amended to read as follows:

Commercial fishing for salmon shall be conducted solely by trolling and drift gill nets which shall not be less than 125 fathoms in length nor more than 300 fathoms in length each.

REGULATION 2 should be amended to read as follows:

Commercial fishing for salmon except by trolling is prohibited during the period from 6 o'clock antemeridian June 1 to 6 o'clock antemeridian June 26 in each calendar year and for the remainder of each year after 6 o'clock postmeridian September 23.

REGULATION 3 should be revoked.

(Note: The 36-hour weekly closed period for salmon fishing prescribed by Section 5 of the Act of June 6, 1924, with other closed periods and restrictions, is ample to protect this fishery.)

SAB-TM

Copy to Seattle Office

" " Juneau Office

Assistant Agent.

TRAP LIST

Southeastern Alaska
Wrangell-Petersburg District
Season of 1933

<u>License No.</u> <u>Kind of Trap</u>	<u>Company or Individual</u>	<u>Location</u>
<u>33 - 504</u> Floater #2	Diamond K Packing Co.	Westerly shore Etolin Island, just south Steamer Point Light, Stikine Strait.
<u>33 - 507</u> Floater #6	Diamond K Packing Co.	Westerly shore Etolin Island, north entrance Steamer Bay, Stikine Strait.
<u>33 - 503</u> Floater #1	Herbert Kittilsby	West shore Observation Island, Clarence Strait.
<u>33 - 283</u> Floater #1	Wm. M. Fraser	West shore Etolin Island, 400 feet northerly Steamer Rock, Clarence Strait.
<u>33 - 282</u> Floater #2	Chas. Loveless & Sons	Westerly shore Etolin Island, about 1 mi. south Steamer Rock, Clarence Strait.
<u>33 - 281</u> Floater #1	Chas. Loveless & Sons	West shore Marsh Island, Clarence Strait.
<u>33 - 323</u> Floater #1	Geo. Gunderson & Sons	Northwest point Screen Islands, Clarence Strait.
<u>33 - 324</u> Floater #2	Geo. Gunderson & Sons	West shore Etolin Island, approx. 1 mi. northeast Lincoln Rock, Clarence Strait.
<u>33 - 509</u> Floater #1	Larson, Lunde & Neargard	Westerly shore Abraham Island, Clarence Strait.
<u>33 - 473</u> Floater #5	Columbia River Packers Assn., Inc.	Easterly shore Prince of Wales Island, 1/2 mi. northwest Luck Point, Clarence Strait.

TRAP LIST cont'd

<u>License No.</u> <u>Kind of Trap</u>	<u>Company or Individual</u>	<u>Location</u>
<u>33 - 519</u> Floater #1	Wrangel Packing Corp. (A. B. Johnson)	East shore East Island, Clarence Strait.
<u>33 - 450</u> Floater #2	Alaska Pacific Salmon Corp.	Approx. 650 ft. northwest Boulder Point, easterly shore Kuiu Island, Summer Strait.
<u>33 - 453</u> Floater #1	Alaska Pacific Salmon Corp.	Approx. 1 mi. southwest Boulder Point, Summer Strait.
<u>33 - 247</u> Floater #8	Booth Fisheries Co.	Easterly shore Kuiu Island, approx. 2 mi. northeast Point Amelius, Summer Strait.
<u>33 - 191</u> Floater #1	O. Nicholson	North shore Prince of Wales Island, approx. $2\frac{3}{4}$ mi. easterly from Point Baker, Summer Strait.
<u>33 - 190</u> Floater #2	Granquist & Grebstad (O. W. Granquist)	North shore Prince of Wales Island, approx. 4 nautical miles easterly from Point Baker, Summer Strait.
<u>33 - 183</u> Floater #2	Petersburg Packing Co.	North shore Prince of Wales Island, approx. $7\frac{1}{3}$ nautical miles easterly from Point Baker, Summer Strait.
<u>33 - 182</u> Pile #1	Petersburg Packing Co.	Northeast shore Prince of Wales Island, just west point Colpoys, Summer Strait.
<u>33 - 248</u> Floater #16	Booth Fisheries Co.	South shore Kupreanof Island, approx. 5 mi. east of Point Barrie, Summer Strait.
<u>33 - 505</u> Floater #3	Diamond K Packing Co.	Northeast coast Prince of Wales Island, approx. 4 mi. southeast Ratz Harbor, Clarence Strait.
<u>33 - 506</u> Floater #5	Diamond K packing Co.	Northeast shore Prince of Wales Island, approx. $1\frac{1}{2}$ mile southeast Ratz Harbor, Clarence Strait.

TRAP LIST cont'd

<u>License No.</u> <u>Kind of Trap</u>	<u>Company or Individual</u>	<u>Location</u>
<u>33 - 511</u> Floater #1	G. C. Foster	Northeast shore Prince of Wales Island, approx. 2 mi. northeast Ratz Point, Clarence Strait.
<u>33 - 009</u> Floater #3	Columbia River Packers Assn., Inc.	Northeast shore Prince of Wales Island, approx. 4 $\frac{1}{2}$ mi. northeast Ratz Point, Clarence Strait.
<u>33 - 040</u> Floater #5	Fidalgo Island Packing Co. (Leased and operated by Ed Lynch)	West side Onslow Island, south of Gull Point, Clarence Strait.
<u>33 - 060</u> Floater #6	Nakat Packing Corporation	Southwest shore Onslow Island, just northwest Ernest Point, Clarence Strait.
<u>33 - 061</u> Floater #8	Nakat Packing Corporation	Southeast shore Bronson Island, Ernest Sound.
<u>33 - 062</u> Floater #9	Nakat Packing Corporation	West shore Cleveland Peninsula, 2 nautical miles southeasterly from Eaton Point, Ernest Sound.

Cooperative Services Rendered to Other Branches of the Government

We always endeavor to render assistance to other branches of the Government, when, by so doing, our own work is not greatly inconvenienced. The field stations of other branches are frequently at more or less isolated points, where means of transportation to and from the towns are limited. We have, therefore, during the past two or three years, carried mail and supplies on the AUKLET and on our chartered boats for the Geological Survey, when on our regular inspection trips. During the past year we have also loaned equipment to the Wrangell C.C.C. camp of the Forestry Service, and cooperated in every way possible.

We have always cooperated with the town officials, twice making short cruises in the vicinity of Wrangell searching for lost persons. It is not unusual, on our trips, to come across small boats in distress, and on such occasions we have towed them to safe anchorage or to town.